

**Wyoming Department of Transportation
Public Safety Communications Commission
Business Meeting Packet**



IN-PERSON BUSINESS MEETING
Held Wednesday, February 9, 2022, at 1:30 p.m.

| WYDOT Headquarters | 5300 Bishop Blvd., Cheyenne, WY 82009 |



Mark Gordon
Governor

K. Luke Reiner
Director

Wyoming Public Safety Communications Commission

COMPLETE PACKET INDEX



Mark Harshman
Chairman

Telephone No.:
(307) 777-4015

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Mark Gordon
Governor
K. Luke Reiner
Director

WYOMING DEPARTMENT OF TRANSPORTATION PUBLIC SAFETY COMMUNICATIONS COMMISSION BUSINESS MEETING AGENDA



Mark Harshman
Chairman
Telephone No.:
(307) 777-4015

| February 9, 2022, at 1:30 P.M. | I-80 Room, WYDOT-U Training Building, Cheyenne, Wyoming |
| Zoom Webinar – Call Secretary for Information at 777-4015 |

I. CALL TO ORDER

II. ROLL CALL

III. INTRODUCTIONS

IV. CHANGES/ADDITIONS TO AGENDA (*Tab 1*)

V. ACTION ITEMS

1. _____ Consideration of October 13, 2021, Draft Meeting Minutes (*Tab 2*)
2. _____ Consideration of WyoLink Application – Mr. Gardiner (*Tab 3*)
 - A. ___ Southwest Wyoming Regional Airport (Rock Springs)
 - B. ___ U.S. Postal Inspection Service

VI. UPDATES/DISCUSSION

1. _____ Director's Report – Director Reiner
2. _____ Chief Technology Officer's Report – Mr. Babbitt
 - A. ___ NG911 Updates – Mr. Babbitt and Ms. Binning
 - B. ___ Federal Legislative Update
 - C. ___ State Legislative Update (*Tab 4*)
 - i. ___ Senate File 41 – Expanding Next Generation 911
 - ii. ___ House Bill 12 – Public Safety Communications Funding
3. _____ Emergency Communications Program Manager's Report – Mr. Smolinski
 - A. ___ 16-Tower Buildout Report (*Tab 5*) – Mr. Smolinski
 - B. ___ WyoLink Operational Updates – Mr. Gardiner
 - i. ___ WyoLink System Reports (*Tabs 6 & 7*) – Mr. Smolinski and Mr. Gardiner
 - ii. ___ WyoLink Training (*Tab 8*)
 - iii. ___ WyoLink Paging
 - C. ___ Statewide Interoperability Coordination Updates – Mr. Smolinski
 - D. ___ FirstNet Updates – Mr. Smolinski

VII. PUBLIC COMMENT

VIII. ADJOURNMENT



Mark Gordon
Governor
K. Luke Reiner
Director

Wyoming Department of Transportation

PUBLIC SAFETY COMMUNICATIONS COMMISSION

Draft Meeting Minutes



Mark Harshman
Chairman
Telephone No.:
(307) 777-4015

I. Call to Order

The Public Safety Communications Commission (PSCC) met via videoconference on Wednesday, October 13, 2021. Chairman Mark Harshman presided, calling the meeting to order at 3:30 P.M.

II. Roll Call

The following members were present constituting a quorum:

Paul Bertoglio, Commissioner	Kebin Haller, Commissioner
Matt Carr, Commissioner	Dwane Pacheco, Commissioner
Mike Choma, Commissioner	Forrest Williams, Commissioner
Jonathan Downing, Commissioner	Luke Reiner, Ex Officio Member
Doug Frank, Commissioner	

Commissioner Ron Gatti was absent. The tribal seat remains vacant.

III. Introductions

The following attendees participated in the meeting:

Troy Babbitt, Chief Technology Officer (CTO), Wyoming Department of Transportation (WYDOT)	Nathan Smolinski, Emergency Communications Manager, WYDOT
Neil Gardiner, WyoLink Support Manager	Aimee Binning, 911 Planning Coordinator
Kevin Hibbard, Director, State Budget Department	Kelli Little, Deputy Director, Wyoming County Commissioners Association (WCCA)
Kimberly Chapman, Commission Secretary	Mike Kahler, Senior Assistant Attorney General
Ryan Thompson, Assistant Attorney General	

Susan Elliott assisted with virtual meeting management.

IV. Agenda Adjustments

No adjustments were made to the agenda.

V. Action Items

1. Draft Meeting Minutes

It was moved by Commissioner Haller, seconded by Commissioner Pacheco, and unanimously carried to approve the July 14, 2021, business meeting minutes.

2. WyoLink Applications

It was recommended by Mr. Gardiner, moved by Commissioner Frank, seconded by Commissioner Haller, and unanimously carried to approve the application from Riverton Public Works.

VI. Updates/Discussions

1. Update on Proposed (WyoLink Funding) Legislation

WCCA Deputy Director Kelli Little presented an update on the WCCA's WyoLink future funding discussions. A working group comprised of WyoLink users, commissioners from the PSCC, WYDOT staff, and other stakeholders discussed historical and potential future approaches for funding WyoLink. Eight different funding options were presented to the Joint Transportation and Military Affairs Committee (JTC) for consideration.

The JTC chose to advance the proposal to use existing revenue from registration fees to fund WyoLink. Ms. Little is working with the Legislative Service Office and WYDOT to draft a bill that would include not only the local and state funding portions for WyoLink, but also provide funds for system maintenance and future upgrades. Ms. Little reminded the commission that the JTC tasked the working group with using existing revenue instead of proposing any legislation that would require new revenue sources.

Following a question from Commissioners Frank and Choma, Ms. Little acknowledged that while this bill would provide statutorily mandated, long-term funding for WyoLink, it would also require funds to be diverted away from projects currently funded by the registration fee revenue. Recent data shows that approximately \$157 million in local and \$40 million in state registration fees are collected and redistributed to schools, special districts, and counties each year.

As a short-term solution, the working group is checking to see if American Rescue Plan Act (ARPA) funds can be used to subsidize WyoLink while the details of the proposed legislation is worked out. The local portion of the maintenance agreement is currently paid by the mineral royalty grant funding, but those funds are running out and will be unavailable in the near future.

Commissioner Haller thanked Ms. Little and the WCCA for taking on this issue and advocating for the WyoLink system. Ms. Little recognized the difficulty in having these conversations, but she remains hopeful that a compromise can be reached.

2. Chief Technology Officer's Report

Troy Babbitt presented the CTO's update. The update also included information presented by Ms. Binning on Next Generation 911 (NG911).

Proposed Federal Legislation

Mr. Babbitt shared two documents with the commission detailing proposed legislation from the U.S. House of Representatives and Senate. A NG911 funding bill was introduced

in the U.S. House on September 10, 2021, that would help states and local entities implement, operate, and maintain NG911 systems. The bill would appropriate \$10 billion in funds that would be available to states through 2026. Mr. Babbitt highlighted a section from the bill that requires a governing body, either new or existing, to oversee NG911 development and deployment in each state.

Following a question from Commissioner Frank about positioning the PSCC for 911 governance, Mr. Babbitt advised that WYDOT will continue to look for opportunities to work with legislators on this issue.

Mr. Babbitt also informed the commission about the work of the Governor's health task force. One of the discussion topics revolved around training for emergency medical service providers in the public service answering points (PSAPs), and it could lead to new legislation during the next legislative session.

Next Generation 911 (NG911)

Ms. Binning reported on recent developments from the work of the NG911 workgroups. Current federal guidance requires that a governing board oversee the administration of NG911 federal funds. County commissioners and sheriffs are currently controlling 911 funds in the state. The Wyoming chapter of the Association of Public-Safety Communications Officials/National Emergency Number Association (APCO/NENA) plans to recommend that a state board provide representation and administration for these federal funds, and is working on legislative recommendations to help identify the correct governing body.

APCO/NENA Meeting

The Wyoming APCO/NENA board will meet on October 31st in Casper to provide recognition, awards, and training for telecommunicators across the state. There are five award categories that will be presented at this meeting: Public Safety Telecommunicator of the Year; Radio Frequency Technologist of the Year; Information Technologist of the Year; Communications Supervisor, Manager, or Director of the Year; and the Public Safety Team of the Year. Nominations for the awards close October 15th. The Western States Director for NENA, Bruce Romero, and NENA past president, Gary Bell, will speak at the meeting.

NG911 Meeting

Following the APCO/NENA meeting, WYDOT will hold a stakeholders meeting for the NG911 planning process in Casper on November 4, 2021. This meeting will provide participants an overview of NG911, information and updates on the plan that was developed for NG911, information and updates on the potential NG911 funding, and information on future (equipment) needs.

Last month, WYDOT met with the WCCA to keep their members informed and involved in the NG911 efforts. Two members from the Next Generation Education and Outreach

Committee, Jenifer Shassetz from Sheridan and Joey Williams from Gillette, assisted WYDOT with sharing information on funding and planning for NG911.

3. Director's Update

Director Reiner presented his update.

COVID-19

COVID-19 continues to impact WYDOT's operations although case numbers seem to be stabilizing. The agency does not track employee vaccination status. Between COVID-19 and employee retention issues, some WYDOT stations have been greatly affected, and it could make for a challenging winter in regards to snow removal.

The agency continues to advise employees to follow Center for Disease Control's COVID-19 guidelines on social distancing, handwashing, and quarantining following exposure.

Budget

Federal

The Infrastructure Investment and Jobs Act (IIJA) did not pass before the September 30, 2021, deadline, but the government is currently operating under a continuing resolution that will expire at the end of October. The hope is that IIJA passes before the end of October. If the approval process lasts too long, it could disrupt cash flow and impact construction projects funded by the federal government. Director Reiner is not greatly concerned about this as WYDOT has planned accordingly for these situations, and construction season is coming to a close.

State

The Transportation Commission approved WYDOT's operating budget at their September meeting. Director Reiner will meet with Governor Gordon in November to discuss the legislative portion of the budget before the Governor makes his final recommendation.

WYDOT has also submitted requests to the Governor's office for ARPA funds. Significant requests have been made to expand and build out the WyoLink system. The agency will continue to monitor these requests as the process advances.

Broadband in the Right-of-Way (ROW)

Following the passage of HB0014 during the last legislative session, WYDOT has been working to fulfill the requirements contained in the law. The law requires WYDOT to request blanket easements to the ROWs for broadband. Director Reiner met with the U.S. Forest Service (USFS) and the Bureau of Land Management (BLM) to find a compromise that would expedite the process. The challenge is that these agencies are bound by federal statutes that authorize those agencies to grant access and that authority cannot be delegated to WYDOT. The director will meet with Federal Highway Administration tomorrow to discuss potential alternative solutions.

WYDOT has also been working with industry and the Governor's office to streamline a "dig once" policy. As emerging technologies such as NG911, autonomous vehicles, and electric vehicles become more widespread, it will become even more important to ensure there is broadband in the ROW.

4. Emergency Communications Program Manager's Report

Mr. Smolinski provided his update. The update also included information presented by Mr. Gardiner regarding WyoLink operations.

16 Tower Buildout Report

Mr. Smolinski started his report with a slideshow of photographic updates displaying progress at a few of the buildout sites.

The Buffalo, Orin Junction, Wright, Jackson, Greybull, Lusk, Alcova, and Alva sites have all been activated and are performing well.

Construction is nearly complete at the Rock Springs – 14 Mile site, and crews are working to finish installing power. Mr. Smolinski shared photos of the conduit trench that connects the tower site to Union Wireless' transformer, allowing WYDOT to lease power from Union at a significant cost savings.

Before the tower at 14 Mile can be brought fully online, the microwave system that feeds the tower will need to be upgraded. The tower at Aspen Mountain, which is the parent (donor) tower, is over capacity and a new tower will need to be constructed to house the upgraded system. Construction on the new tower will begin in November but will probably take some time to complete as winter construction is not very favorable on Aspen Mountain.

Meanwhile, Mr. Smolinski and his team are exploring other options to backhaul the system to bring the 14 Mile site online sooner. Top among these options is to work with FirstNet to bring the system's backhaul over a cellular modem. Reliability would be decreased, but the tower could be brought into service more quickly.

Blairtown, a site in Rock Springs, was recently completed after the summer construction season and as of yesterday, it is online and active. This is the first, state-owned 800-megahertz site on the WyoLink system.

Ground was broken at the Meadowlark site in late August, but the crew soon encountered challenges with rocky terrain and damaged access roads. After working with the USFS to obtain permits and gravel to make emergency repairs to the road, construction progressed to the point of standing up a large portion of the tower structure. Construction will resume in late spring or early summer when the rest of the tower and site will be completed.

The Office of State Lands and Investments approved the Northern Goshen County site, but the team is waiting for other agreements before construction can begin. Mr. Smolinski hopes that construction can get underway in the next month or two and continue through the winter since it is sited at a lower elevation.

Mr. Smolinski and his team are still working with the city to get final access agreements in place for the Newcastle site. He reported that on October 1st, he received the final agreement for the Evanston site, and it has been signed by the Attorney General's (AG) Office and the landowner. Construction is scheduled to begin in the spring.

The final plans for the North Big Horn County site are ready for approval by the BLM. For the Bondurant site, Mr. Smolinski is working with Sublette County and a private landowner to find a collocation option on Kismet Peak.

Following a question from Commissioner Choma, Mr. Smolinski updated the commission on potential sites in Saratoga and Sheridan County. WYDOT has submitted a budget exception request to the legislature for two additional WyoLink sites, one in each location. Sheridan County would like to have two sites to fill in coverage gaps: one in the northwest part of the county and another site in the Ranchester/Dayton area. As a result of a meeting the county held with stakeholders, a letter of support was drafted and sent to the legislature. WYDOT will await instruction from the legislature.

Commissioner Pacheco commended Mr. Smolinski and the WyoLink team for the work they have done to bring the Rock Springs sites online. He shared that for the first time in his 31 years with the Rock Springs Police Department portable coverage has been building with reliable service and no dead spots. Commissioner Pacheco was very appreciative and stated that he would like to see news of this success shared with local and state leaders.

WyoLink Operational Updates

WyoLink System Reports

Mr. Gardiner reported that Blairtown – Rock Springs is the latest site to become operational. The 800-megahertz site has already seen a great deal of activity. The 18-site GTR upgrade project is due to start next week. These radio site repeaters will replace the old Quantar models. The Cheyenne Water Tank site will be offline for a few hours for this upgrade, and notifications will be sent to users. Other sites will be upgraded as equipment is received and weather permits.

Notifications will be sent through the RAVE system about dispatch site interruptions next Tuesday while Motorola finishes the multiprotocol label switching (MPLS) project. Routers at dispatch sites will be rebooted causing a brief outage. The MPLS project converted some radio sites to Ethernet to provide greater redundancy and a self-healing connection.

Jason Gilmour, with the WyoLink office, passed the drone pilot's license exam last week. Mr. Gilmour will lead the effort to utilize drones for tower inspections. More information will be presented to the commission at a future meeting.

Mr. Gardiner presented a PowerPoint presentation that provided site statistics from the third quarter of 2021. Information included WyoLink site registrations, the top 20 talkgroups, and the number of busies at certain sites around the state.

Commissioners agreed that they would like to see more information in future meetings on the different talkgroups using WyoLink. Mr. Gardiner will provide more statistics on usage in the meeting packets at future meetings. Commissioners Downing and Bertoglio suggested that breaking the data out by county and talkgroup type might provide the commission with useful talking points when visiting with elected officials about WyoLink.

WyoLink Training

Mr. Smolinski provided an overview of the planned training with the commission. The training will consist of a PowerPoint presentation with complete speaker notes so that it can be given by either WYDOT staff or local partners. Blank slides for agency-specific plans will allow partners/subscribers to tailor the presentation to their needs. The presentation will also contain videos: one on operational instruction for equipment and one featuring WyoLink stakeholders. Mr. Smolinski will share a final version of the training presentation at the next meeting for commission comment and approval.

WyoLink Website

Mr. Smolinski shared that the website is 90 percent updated. Sections on vendor information and frequently asked questions are still under construction. The expanded support and feedback sections will provide greater connectivity between WYDOT and WyoLink subscribers/customers.

Statewide Interoperability Coordination Updates

Mr. Smolinski reported that shortly after the July PSCC meeting, the Transportation Commission approved the subscriber unit request for proposal (RFP), which was awarded to Motorola. WYDOT is working with the AG's Office and Motorola to finalize the contract. A formal announcement will be made once the contract is signed. Mr. Smolinski shared that WYDOT has been able to secure a 57 percent discount off of the listed unit price. The three-year contract will allow state and local agencies ample time to build equipment purchases into their budgets and grant requests.

Mr. Hibbard highlighted the importance of the strategic sourcing that Mr. Babbitt, Mr. Smolinski, and the team have established. He wanted to see WYDOT emphasize this effort in their state of the agency narrative.

FirstNet Updates

WYDOT has purchased two FirstNet devices to use for testing. Wyoming Highway Patrol Division Q (in Weston and Crook counties) is operating off of FirstNet modems. Data is currently being collected from these tests.

Mr. Smolinski reported that the team will soon be participating in some mission critical push-to-talk training on merging WyoLink devices with FirstNet systems. The team will meet next week with Motorola and AT&T FirstNet to begin discussions on the critical connect solution. The team wants to have a better understanding of the controls and capabilities of the merged systems before sharing more information publicly with other WyoLink users.

VII. Public Comment/Announcements

There was no public comment.

Commissioner Comments

Following a question from Commissioner Bertoglio, Director Reiner shared that he would highlight the strategic sourcing tactic in his budget update but also in his reports to the Joint Appropriations Committee and the JTC. He also felt that WYDOT's Public Affairs team could help publicize this effort. Commissioner Bertoglio recommended that any press releases or announcements be shared with the WCCA and the Wyoming Association of Municipalities.

VIII. ANNOUNCEMENTS

Ms. Chapman provided the 2022 PSCC meeting schedule to the commissioners. The February and August meetings will be in person, and the remaining meetings in May and October will be virtual. If commissioners have conflicts with any of the dates, they are to alert Ms. Chapman as soon as possible.

IX. ADJOURNMENT

It was moved by Commissioner Choma, seconded by Commissioner Frank, and unanimously carried to adjourn the October 13, 2021, business meeting at 4:59 p.m.

WYOLINK and WYOMING MUTUAL AID APPLICATION FOR SYSTEM ACCESS OR NEW TALKGROUP

Date: December 17, 2021

Requesting Agency: Rock Springs-Sweetwater County Airport Board dba Southwest Wyoming Regional Airport

Type of Request ☐ New Talkgroup Request
 ☒ New Member
 ☐ Other _____

Type of Agency **First Responder**
 ☐ Law Enforcement
 ☒ Fire Department
 ☐ Emergency Medical Service
 ☐ Homeland Security
 ☐ Communications Center
 ☒ Other Airport

Emergency Response Support
☐ Transportation
☐ Support – Red Cross, Salvation Army, etc.
☐ Weather Service
☐ Public Works
☐ Court Services
☐ Regulatory
☐ Other _____

Radio System ☒ WyoLink
 ☐ Mutual Aid
 ☐ SALECS

Reason for Request: A non-governmental entity shall apply for WyoLink Membership with the sponsorship of a public safety agency, attach letter from sponsoring public safety agency.

The Rock Springs-Sweetwater County Airport Board, a Joint Powers Board, operates the Southwest Wyoming
Regional Airport. The airport is commercial service airport requiring the support of mutual aid agencies during
emergency events. Our own in-house fire department handles initial response and relies on other fire, law and medical
response entities to support us. Being on WyoLink allows for us to maintain maximum communication with these
agencies.

(Attach supporting documentation)


Name of individual completing application: Devon Brubaker

Title: Airport Director

Address: 382 HWY 370, Rock Springs, WY 82901

Phone: 307-352-6880

E-mail address: dbrubaker@flyrks.com

Signature: 

Send completed application to:

WyoLink
Wyoming Department of Transportation
5300 Bishop Boulevard
Cheyenne, WY 82009
E-mail: wyolink@wyo.gov

Mutual Aid Channel Approval: _____
(If Requested) Wyoming Highway Patrol

Please complete the following for Mutual Aid request

Number of Mobile Radios:

Number of Portable Radios:

Number of Dispatch Centers:
(Control Stations)

**WYOLINK and WYOMING MUTUAL AID
APPLICATION FOR SYSTEM ACCESS OR NEW TALKGROUP**

Date: 01/31/2022

Requesting Agency: U.S. Postal Inspection Service - Cheyenne Domicile

Type of Request ☐ New Talkgroup Request
 ☒ New Member
 ☐ Other _____

Type of Agency **First Responder**
 ☒ Law Enforcement
 ☐ Fire Department
 ☐ Emergency Medical Service
 ☐ Homeland Security
 ☐ Communications Center
 ☐ Other _____

Emergency Response Support
☐ Transportation
☐ Support – Red Cross, Salvation Army, etc.
☐ Weather Service
☐ Public Works
☐ Court Services
☐ Regulatory
☐ Other _____

Radio System ☒ WyoLink
 ☒ Mutual Aid
 ☐ SALECS

Reason for Request: A non-governmental entity shall apply for WyoLink Membership with the sponsorship of a public safety agency, attach letter from sponsoring public safety agency.

The U.S. Postal Inspection service is the primary law enforcement arm of the USPS. Its federal agents enforce
numerous federal and state laws. This is accomplished throughout the state of Wyoming in cooperation with local
and state law enforcement. Access to WyoLink will enhance these existing partnerships and will allow Inspectors to
communicate with their state and local counterparts.

(Attach Supporting Documentation)

Name of individual completing application: R.J. Fergon

Title: U.S. Postal Inspector

Address: 4800 Converse Ave, Room 155, Cheyenne, WY 82009

Phone: 307-772-6585

E-Mail Address: rjfergon@uspis.gov

Signature: 

Send Completed Application to:

WyoLink
Wyoming Department of Transportation
5300 Bishop Boulevard
Cheyenne, WY 82009
E-Mail Address: wyolink@wyo.gov

Mutual Aid Channel Approval: _____
(If Requested) Wyoming Highway Patrol

Please complete the following for Mutual Aid Request:

Number of Mobile Radios: 2

Number of Portable Radios: 2

Number of Dispatch Centers: 0
(Control Stations)

HOUSE BILL NO. HB0012

Public safety communications funding.

Sponsored by: Joint Transportation, Highways & Military
Affairs Interim Committee

A BILL

for

1 AN ACT relating to public safety communications; providing
2 an appropriation; and providing for an effective date.

3

4 *Be It Enacted by the Legislature of the State of Wyoming:*

5

6 **Section 1.**

7

8 (a) There is appropriated to the department of
9 transportation eighty-nine million three hundred ninety
10 thousand dollars (\$89,390,000.00) from any unexpended,
11 unobligated American Rescue Plan Act funds that were
12 appropriated in 2021 Wyoming Session Laws, Chapter 166,
13 Section 5(b). This appropriation is for purposes of
14 infrastructure, development, expansion, operations and
15 maintenance for the statewide interoperable public safety

1 communications system, commonly referred to as WyoLink, and
2 that are consistent with the terms of the American Rescue
3 Plan Act, excluding the provision of government services
4 related to a reduction in revenue. Any unobligated,
5 unexpended funds remaining from this appropriation on
6 October 1, 2024, may be transferred and expended upon
7 approval by the governor for any other purposes authorized
8 by the legislature and consistent with the terms of the
9 American Rescue Plan Act. Transfers and expenditures under
10 this section shall be reported to the legislature through
11 the B-11 process as authorized by W.S. 9-2-1005(b)(ii) and
12 reported pursuant to W.S. 9-2-1013(b).

13

14 (b) As used in this section, "American Rescue Plan
15 Act funds" means funds appropriated or disbursed to the
16 state of Wyoming through the Coronavirus State Fiscal
17 Recovery Fund established under section 602 of title VI of
18 the federal Social Security Act and the Coronavirus Capital
19 Projects Fund established under section 604 of title VI of
20 the federal Social Security Act, as created by section 9901
21 of the American Rescue Plan Act of 2021, P.L. 117-2.

22

1 **Section 2.** This act is effective immediately upon
2 completion of all acts necessary for a bill to become law
3 as provided by Article 4, Section 8 of the Wyoming
4 Constitution.

5

6 (END)

FISCAL NOTE

This bill contains an appropriation of \$89,390,000 from the AMERICAN RESCUE PLAN ACT FUNDS to the Department of Transportation.

DETAIL OF APPROPRIATION

Agency #: 045 Agency Name: Department of Transportation

Unit: 7101

EXPENDITURE BY SERIES AND YEAR	FY 2022	FY 2023	FY 2024
0200 Supportive Services Costs	\$0	\$8,750,000	\$8,750,000
0900 Contractual Services Costs	\$0	\$10,000,000	\$61,890,000
 Total Expenditure Per Year:	 \$0	 \$18,750,000	 \$70,640,000
 Grand Total Expenditure:	 \$89,390,000		
Total Appropriated to Agency:	\$89,390,000		
Total Appropriated by Fund:			
AMERICAN RESCUE PLAN ACT FUNDS	\$89,390,000		

Description of Appropriation:

This appropriation is for infrastructure, development, expansion, operations, and maintenance for the statewide interoperable public safety communication system, commonly referred to as WyoLink. The Department of Transportation states that approximately two-thirds of the WyoLink network will be upgraded with new equipment and technology to drive the network. The upgrades will also provide redundancy solutions across the network. The proposed upgrades will provide approximately 10 years of sustainable operations of the WyoLink system.

Assumptions:

Funds will be obligated by December 31, 2024 and expended by December 31, 2026.

Prepared by: Leanne Hoag, LSO Phone: 777-7881
(Information provided by Rory L. Horsley, Governor's Office, 777-5010;
Rodney Freier, Jr. , Department of Transportation, 777-4174)

SENATE FILE NO. SF0041

Expanding next generation 911.

Sponsored by: Senator(s) Kost, Baldwin and Schuler and
Representative(s) Newsome and Washut

A BILL

for

1 AN ACT relating to the administration of government;
2 amending the membership of the public safety communications
3 commission; amending the duties of the public safety
4 communications commission to include duties related to next
5 generation 911 emergency communications systems;
6 authorizing the use of funds collected under the Emergency
7 Telephone Service Act for next generation 911 emergency
8 communications systems; and providing for an effective
9 date.

10

11 *Be It Enacted by the Legislature of the State of Wyoming:*

12

13 **Section 1.** W.S. 9-2-1102(a)(intro) and by creating
14 new paragraphs (xviii) and (xix), 9-2-1104(a) by creating

1 new paragraphs (viii) and (ix) and 16-9-105(b) are amended
2 to read:

3
4 **9-2-1102. Commission; composition; appointment of**
5 **members; removal; terms; officers; vacancies; meetings.**
6

7 (a) The commission shall consist of ~~eleven (11)~~
8 thirteen (13) voting members to be appointed by the
9 governor and who may be removed by the governor as provided
10 in W.S. 9-1-202. ~~The director of the Wyoming department of~~
11 ~~transportation, or his designee, shall serve as an ex~~
12 ~~officio nonvoting member of the commission.~~ The ~~eleven (11)~~
13 voting members shall be appointed from each of the
14 following associations and agencies from their membership:
15

16 (xviii) A member of the Wyoming chapter of the
17 association of public safety communications officials or
18 the national emergency number association;
19

20 (xix) The Wyoming office of homeland security.
21

1 9-2-1104. Commission; powers and duties; advisory
2 capacity to promote system development; public meetings;
3 clerical and administrative support.

4
5 (a) The commission shall:

6
7 (viii) Recommend guidelines and standards for
8 the development, implementation and operation of next
9 generation 911 emergency communications systems and
10 interoperable public safety communications and data systems
11 in the state, including strategies for improving Wyoming's
12 current 911 system. As part of the recommendations
13 developed under this paragraph, the commission may identify
14 short-term and long-term technological and policy solutions
15 that integrate existing legacy communications
16 infrastructure into an interoperable system and may develop
17 and submit recommendations for legislation or other state
18 action to further develop and support next generation 911
19 operations in Wyoming;

20
21 (ix) Promulgate necessary rules and regulations
22 governing next generation 911 system operation and
23 participation.

1

2 **16-9-105. Agreements or contract for 911 emergency**
3 **reporting systems; use of funds collected.**

4

5 (b) Funds collected from the 911 emergency tax
6 imposed pursuant to this act shall be spent solely to pay
7 for public safety answering point and service suppliers'
8 equipment and service costs, installation costs,
9 maintenance costs, monthly recurring charges and other
10 costs directly related to the continued operation of a 911
11 system including enhanced wireless 911 service and next
12 generation 911 emergency communications systems. Funds may
13 also be expended for personnel expenses necessarily
14 incurred by a public safety answering point. "Personnel
15 expenses necessarily incurred" means expenses incurred for
16 persons employed to:

17

18 (i) Take emergency telephone calls and dispatch
19 them appropriately;~~or~~

20

21 (ii) Maintain the computer ~~data base~~ database of
22 the public safety answering point~~i~~ or

23

1 (iii) Integrate legacy communications
2 infrastructure for 911 systems into interoperable next
3 generation 911 emergency communications systems.

4

5 **Section 2.** This act is effective July 1, 2022.

6

7 (END)

WYOLINK 16 Site Expansion Project Status

The following represents a brief update on the status and noteworthy accomplishments for each site location into the month January 2022.

- Buffalo
 - Site active (3/24/20) with reported coverage improvements in previous known trouble spots
- Orin Junction
 - Site active (4/20/20) with reported coverage improvements in previous known trouble spots
- Wright
 - Site active (6/26/20) with reported coverage improvements in previous known trouble spots
- Jackson
 - Site active (announced 1/11/21) with reported coverage improvements in previous known trouble spots
- Greybull
 - Site active (announced 1/11/21) with reported coverage improvements in previous known trouble spots
- Lusk
 - Site active (announced 4/21/21) with reported coverage improvements in previous known trouble spots
- Alcova
 - Site active (announced 4/21/21) with reported coverage improvements in previous known trouble spots
- Alva
 - Site active (announced 6/3/21) with reported coverage improvements in previous known trouble spots
- Rock Springs (Blairtown-Tank Hill)
 - Site active (announced 10/8/21) with reported coverage improvements in previous known trouble spots

- Rock Springs (14 Mile Hill)
 - Construction underway, RF equipment has been installed
 - Working on quotes for Aspen Mountain donor site upgrades
 - Site planned to go into live testing (temporary cellular connection) 1/27/2022
- Ten Sleep (Meadowlark)
 - Construction is underway (USFS assisted with expediting a road use agreement)
 - Completion scheduled for spring/summer 2022 due to supply delays and weather
- Northern Goshen County
 - NEPA/SHPO have been completed; ROW underway with State Lands Office
 - Winter/Spring 2022 target
- Newcastle
 - Collocate design under approval with Union
 - Work continues with the city and a private landowner; waiting on lease
- Evanston
 - ROW finalizing agreement with private landowners; complete
 - Scheduling construction underway - Spring/Summer 2022
- North Big Horn County (Little Sheep Mnt)
 - NEPA and SHPO under review with BLM requirements
 - Coordinating with Utility providers for delivery of services
 - Adjacent tower owner has requested more data to mitigate possible interference concerns
 - Spring/Summer 2022 target
- Bondurant
 - Holding discussions with Sublette and private landowner for a possible collocation option on Kismet Peak
 - Spring/Summer 2022 target

Talkgroup	Group Alias	PTT Count	Minutes
Natrona County Law Enforcement	01LAW-DISP-1	218729	16341.47
Albany County Law Enforcement	05LE1	186385	14932.12
Laramie County Law Enforcement	02LE1	194336	14908.89
Gillette Police Dept.	17GPD	208258	13417.74
Campbell County Sheriffs Office	17SO1	163454	11917.4
Fremont County Sheriffs Office	10SO1	138294	11913.68
Natrona County Law Enforcement	01LAW-DISP-2	136599	10957.78
Riverton Police Dept.	10RPD	127920	9438.99
Converse County Law Enforcement	13LAW1	106988	8338.76
Wyoming Highway Patrol	HP BMF	96870	8300.44
Platte County Law Enforcement	08LE1	100977	8210.46
Wyoming Highway Patrol	HP JPH	92781	8144.87
Washakie County Law Enforcement	20LE1	75742	7669.81
Wyoming Highway Patrol	HP DE	84551	7556.47
Wind River Police Dept.	10WRPD	59695	7238.16
Laramie County Law Enforcement	02LE2	88836	7167.55
Sheridan Police Dept.	03PD	94794	7053.51
Wyoming Highway Patrol	HP CLQ	79430	6878.11
Cody Police Dept.	11CPD1	89866	6808.48
Lincoln County Law Enforcement	12LE K	75983	6797.01
Wyoming Highway Patrol	HP TK	74728	6646.43
Rock Springs Police Dept.	04RSPD	90010	6609.59
Natrona County Fire Dispatch	01FD-DSP-1	74412	6588.58
Lander Police Dept.	10LPD	75222	6277.13
Wyoming Highway Patrol	HP ING	69120	5943.45
Sweetwater County Sheriffs Office	04SO1	72121	5846.12
Park County Sheriffs Office	11SO1	74285	5769.54
Rawlins Police Dept.	06RPD	67779	5639.8
Carbon County Sheriffs Office	06CCSO	55618	5434.88
Powell Police Dept.	11PPD1	78469	5407.95
Wyoming Highway Patrol	HP AXO	62357	5355.34
Laramie County Jail	02JAIL1	62579	5174.76
Goshen County Law Enforcement	07LE1	65059	5089.33
Goshen County Sheriff	07DET	73237	4838.95
Laramie County Medical	02MED1	52051	4630.7
Hot Springs County Law Enforcement	15LE 1	54353	4508.45
Lincoln County Law Enforcement	12LE A	48574	4406.04
Campbell County School Dist.	17CCSDR	45841	4230.41
Fremont County Emergency Medical Service	10EMS	49888	3986.97
Casper Transportation	01CATCDISP	39312	3986.94
Wyoming Medical Center	01WMC-SECURITY 3	47092	3942.48
Crook County Sheriffs Office	18SO	50069	3876.66
Green River Police Dept.	04GRPD	50025	3751.47
County Sheriffs Office	03SO	46300	3460.54

University of Wyoming Police Dept.	05UWPD	35452	3441.12
Niobrara County Law Enforcement	14LE1	38097	3421.35
Laramie County School Dist. #1	02SCD1-E	32413	3158.93
Laramie County School Dist. #1	02SCD1-F	30258	2750.64
Campbell County Emergency Medical Service	17EMS	34346	2748.68
Albany County Fire	05FIRE1	31965	2651.72
Sundance & Moorcroft Police Dept.	18PD	33517	2609.9
Natrona Solid Waste	01SOLIDWAS	22455	2580.81
Casper Juvenile Detention Center	01JDC-B	34612	2556.92
Campbell Count Fire	17FD	32188	2538.06
Sublette County Sheriffs Office	23SO	29402	2526.91
State Agency Law Enforcement Channel 3	SALEC3	28651	2507.06
Wyoming Medical Center	01WYMED-ER	18330	2470.69
Sweetwater Emergency Medical Service	04EMS	30734	2459.01
Cheyenne Fire/Rescue	02CFR1	18592	2385.83
Veterans Administration	VA442PD1	26811	2354.57
Natrona County Jail	01JAIL-B	27778	2109.53
Campbell County Sheriffs Office	17SOTAC1	35160	2101.5
Weston County Law Enforcement	21LAW	19779	2022.43
Natrona County Landfill	01LANDFILL	24969	1995.5
Cheyenne Regional Medical Center	02CRMC	13847	1953.96
Sheridan Emergency Medical Service	03EMS	25944	1951.56
Converse County Fire/EMS	13FIRE/EMS	22662	1949.51
Park County Road & Bridge	11RB2	18963	1896.04
Converse County Jail	13JAIL	22413	1864.44
State Agency Law Enforcement Channel 1	SALEC1	20758	1805.4
Cheyenne police Dept.	02CPD	16050	1671.23
Glenrock Police Dept.	13GPD	18725	1649.63
State Agency Law Enforcement Channel 8	SALEC8	18322	1629.56
Laramie County Fire	02FDSP A	20454	1596.53
Natrona County Jail	01JAIL-C	20670	1577.84
Platte County Fire	08FD1	16841	1567.12
Natrona County Jail	01JAIL-A	16610	1351.3
Sweetwater County AirMed	04SLC AirMed	13966	1311.91
Memorial Hospital of Sweetwater County	04MHSC	8780	1275.53
WDOT Casper	DOTCASP	13228	1129.88
Converse County Road & Bridge	13CCRB1	10032	1123.43
Casper Juvenile Detention Center	01JDC-A	14900	1101.12
Laramie School Dist. #2	02SD2-A	10729	1036.57
Teton County Area Talkgroup	22CAT 1	11388	1011.67
Teton County School Dist.	22SD R	8419	992.3
Laramie County Area Talkgroup	02CAT 3	11197	930.78
State Agency Law Enforcement Channel 2	SALEC2	9698	917.13
Platte County Emergency Medical Service	08EMS1	11415	902.69

State Agency Law Enforcement Channel 7	SALEC7	9589	900.42
Bureau of Land Management	BLM HPDF	6713	881.89
Natrona County Law Enforcement	01LAW-TAC-5	9096	833.24
Casper Fire Station Alerting	01STA-ALERT	3654	816.49
Sweetwater County School Dist. #2	04SD2 R	7670	813.15
Laramie Fire	02FDSP B	8721	760.19
Laramie Juvenile Center	02JUV1	9461	747.38
Fremont County Fire	10FCF	8671	746.39
Campbell County Fire	17FDOP1	6011	728.22
Wyoming Dept. of Criminal Investigations	DCI SEET	6090	721.9
WYDOT Buffalo	DOTBUFF	7171	710.45
Laramie County Law Enforcement	02LE8ENC	5683	704.01

AGENCIES PURCHASING FROM THE CONTRACT



- Laramie County SO
- Riverton PD
- Newcastle PD
- Crook County SO
- Sheridan PD
- Evansville FD
- Casper PD
- Mills PD
- Weston County SO
- Lander FD
- Torrington PD
- Wyoming Game & Fish
- Wyoming State Parks
- Jackson PD
- Cody PD
- Goshen County SO



WyoLink Standards

25 Jan 22/V12

Topics Covered



- Introduction to WyoLink
- Radio & WyoLink System Operations
- Division/Agency/Local entity focused
 - ◆ Any additional (local specific) information can be added



Introduction to WyoLink



WyoLink is Wyoming's Statewide Public Safety Interoperable Radio Communications system. WyoLink provides communications for public safety & service agencies across Wyoming, within and outside of their home areas. The system is interoperable, meaning that agencies can directly communicate with each other in larger scale events and operations, whether they are nearby or even across the state.



Introduction to WyoLink

Stakeholders



Over 500 Agencies and Departments and growing

- Rural Fire
- Local Fire
- Law Enforcement
- EMS
- Public Works
- School Districts
- City Agencies
- State Agencies
- Federal Agencies



*Over 16,000 users

*Over 12 million calls per year

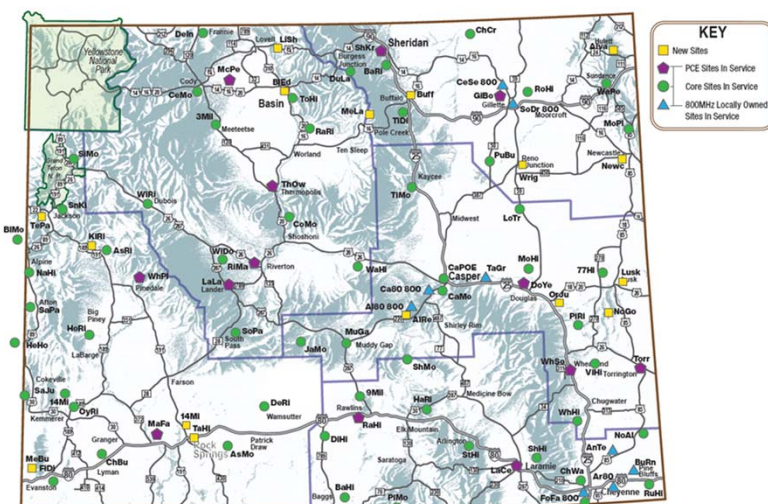


Introduction to WyoLink

Radio Sites



WyoLink Local Towers and Locations Site Map



Current WyoLink Network Sites: 105

- 9 sites are owned and maintained by local agencies, yet serves all WyoLink users
- 96 sites are maintained by Wyoming Department of Transportation (WYDOT)

*PCE: Portable Coverage Enhancement



Introduction to WyoLink

Quick Definitions



Mobile Radio: Referring to radios mounted in vehicles. (Approx. 50 to 100w)

Portable Radio: Referring to handheld radios carried by personnel. (Approx. 5w)

Base Radio or Control Station: A stationary desktop radio.

Dispatch Console: Computer based system, connected to a network used to facilitate communications with first responders in the field.

Affiliation: Radios on the trunked system will send a signal with radio ID and the talkgroup selected to the master controller. This occurs when the radio is turned on, when a new talkgroup is selected, or when the radio selects a new site by checking RSSI levels of tower sites; radio attaches itself to a tower.

Talkgroup: Denotes the channels in a trunked radio system and is distinct from "frequency," as the radio user never actually changes the frequency. Unlike a radio frequency, a talkgroup does not really exist but is a virtual channel.



Introduction to WyoLink



Quick Definitions

Scanning: Allows radios to search programmed channels/talkgroups for activity.

Channel: Denotes a communications path or mode; often used interchangeably with "frequency," "mode," or "talkgroup" in trunked radio systems "channel" typically refers to the individual transceivers at the radio site.

Zone: Grouping of talkgroups/channels for ease of use or radio configuration.

Site Trunking: Indication that site connectivity to network master controller has been lost. Radio will be operational only in the coverage area of the tower on which it is affiliated.

Portable Coverage Enhancement (PCE) Tower Sites: WyoLink sites which enhance radio coverage for handheld portable radios; strategically located to address coverage needs in, & around cities and towns.

Core Tower Sites: WyoLink sites which provide radio coverage for mobile & portable radios; strategically located to provide wide area coverage

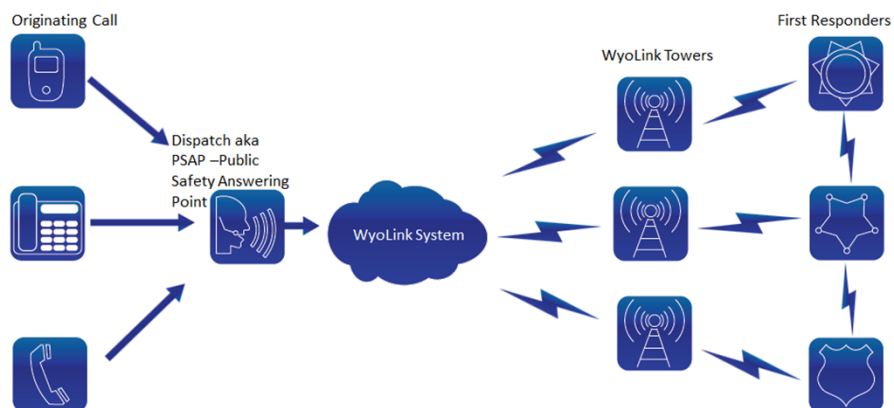


Introduction to WyoLink



WyoLink Operations

- WyoLink provides a backhaul link to the master site, allowing for centers to communicate via WyoLink towers
- Provides cyber security updates



Introduction to WyoLink

What is WyoLink?



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Introduction to WyoLink

Interoperability



- Interoperability is the ability of field units and agencies to talk and share data in real time when needed and authorized
- Wyoming Mutual Aid and the VCALL and VTAC channels are for conventional use
 - ◆ Licensed statewide by the Wyoming Office of Homeland Security
 - ◆ May be used by any public safety agency for interoperable communications
- WyoLink was designed and constructed to provide a user friendly, interoperable communications platform throughout Wyoming
 - ◆ Authorizing and sharing of talkgroups between agencies
 - ◆ Utilizing system-wide Interoperable talkgroups IE: MATS and CATS



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Introduction to WyoLink



MATS

- Regional Response area talkgroups are designated as MAT (Multiple-Agency Talkgroup)
 - ◆ MAT1 for Region 1, MAT2 for Region 2, etc.
 - ◆ MAT talkgroups also include “A,B,C” suffix
 - ◆ MAT talkgroups are designated for incidents and exercises involving multiple counties, state agencies and/or federal agencies



Introduction to WyoLink



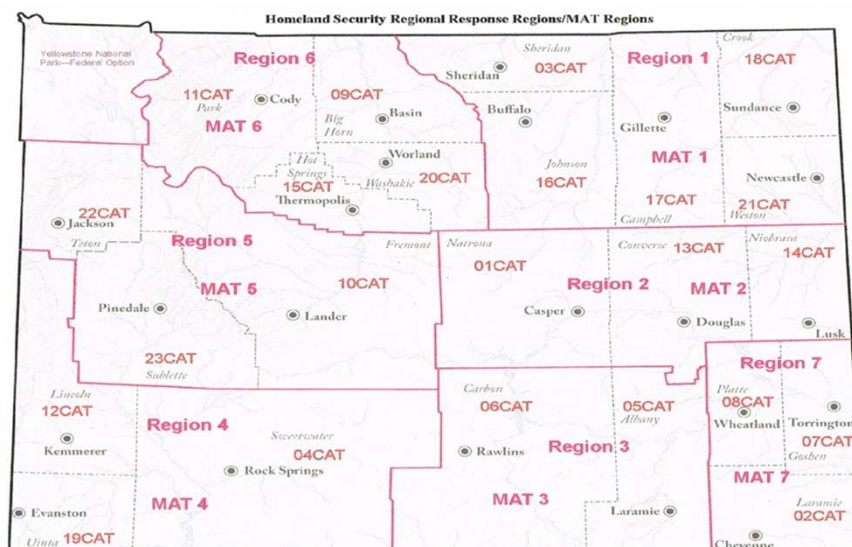
CATS

- WyoLink created four county interoperable talkgroups for each county CAT (County Agency Talkgroup)
 - ◆ xxCAT 1-4 (ex 02CAT1, 02CAT2, 02CAT3, 02CAT4) xx = county #
 - ◆ xxCAT 1 is meant to be used as a calling and command talkgroup
 - ◆ xxCAT 2,3,4 are designated for tactical and assignable talkgroups



Introduction to WyoLink

MATS/CATS & Interoperability



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Radio & WyoLink System Operations

Radio Programming



Channel Plan

- Zones
- Channels
- Talkgroups

ZONE	Z1	Z2	Z3	Z4	Z5
CHAN	EAST	WEST	NORTH	SOUTH	M/C
CH1	TG	TG	TG	TG	02CAT1
CH2	TG	TG	TG	TG	02CAT2
CH3	TG	TG	TG	TG	02CAT3
CH4	TG	TG	TG	TG	02CAT4
CH5	TG	CONV	TG	TG	CONV
CH6	TG	CONV	TG	TG	MAT1
CH7	TG	CONV	TG	CONV	MAT1A
CH8	TG	CONV	TG	TG	MAT1B
CH9	TG	TG	TG	TG	MAT1C



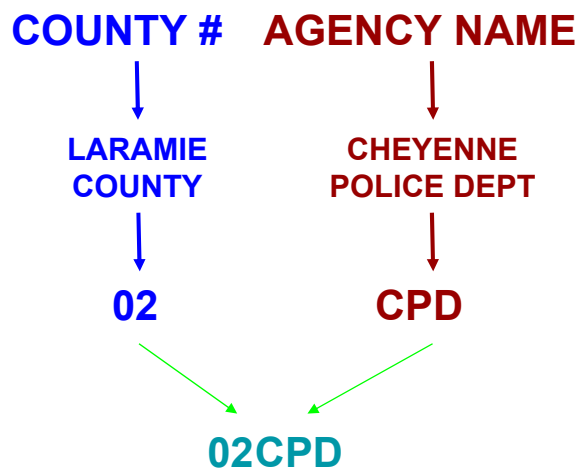
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Radio & WyoLink System Operations



Talkgroups

- Talkgroups
- County and Agency Dependent
- State and Federal Agencies use an Alpha Prefix i.e. WHP-AXO



Radio & WyoLink System Operations



Talkgroups/Channel Plan

This is an AGENCY/LOCAL entity specific slide to use to explain your departments talkgroups and channel plan.



Radio & WyoLink System Operations



Common Terms - Tower Affiliation

- WyoLink is similar to your cellular phone, changing towers as you travel down the road. This is called “affiliation”
- Users do not need to "switch" towers as they travel across their operational region
 - ◆ WyoLink radios constantly look for the least distortion on a signal, and change towers accordingly



Radio & WyoLink System Operations



Common Terms - Dragging Traffic

- You may hear the term “dragging traffic”
- Radios affiliate with different towers as you travel across the state to stay connected
- Dragging traffic will cause you to carry your home talkgroup to the next tower even if it's outside your region, and may cause busies
- Busies can occur during large events
 - ◆ Cheyenne Frontier Days (CFD)
 - ◆ Winter storms
- To mitigate busies use a non-dispatch talkgroup such as MATS and CATS
- For more information, contact WyoLink



Radio & WyoLink System Operations



Common Terms - Scanning

- Scanning is a feature enabled in your radios
- Which talkgroups you hear depends on whether you have the scanning feature of the radio turned on, and by which talkgroups are included in the scan list
- The selection of talkgroups and the list of scanned talkgroups is managed within the programming of the radio
- Scanning is directly affected by radio tower affiliation and talkgroup selections



Radio & WyoLink System Operations



Common Terms - Scanning

- Below is an example of how a talkgroup may be scanned
 - ◆ A radio operating in Laramie County on a 02SO talkgroup and scanning a 03SO talkgroup, won't hear a 03SO talkgroup operating in Sheridan County because the radios are not affiliated on the same tower
 - ◆ If the 03SO radio travelled to Laramie County, and affiliated onto the same tower as the 02SO radio, the 03SO talkgroup would now be available for scanning
 - ◆ The operator of the 02SO radio can also physically select a 03SO talkgroup, and the radio (while in Laramie County) can now listen to a 03SO talkgroup operating in Sheridan County
- Contact WyoLink with questions



Radio & WyoLink System Operations



Usage Tips

- Procedures
- Listen
- Happy chirp
- Speaking
- Windy conditions
- Direct use



Radio & WyoLink System Operations



800 Mhz/VHF/Dual Band

VHF (Very High Frequency)

VHF has greater operating range compared to 800 Mhz

800 Mhz

Typically has less range, but provides superior "in building" coverage compared to VHF

The WyoLink network consists of both VHF and 800 Mhz towers sites with the majority being VHF (due to Wyoming landscape) and 800 Mhz sites located in and around higher population regions

Multi-band

A radio that is capable of multi-band interoperability can operate in any two of the following frequency bands (700/800 Mhz ,VHF, UHF)



Radio & WyoLink System Operations

Mobile & Portable Radios



Mobile Radio

- A **vehicle mounted** radio that provides communications with dispatch centers and other mobile and portable radios on the system. Its output power is $\approx 35W - 100W$ (watts), depending on the radio and options



$\approx 25 - 50$ miles (depending on location and other factors that may affect the signal)

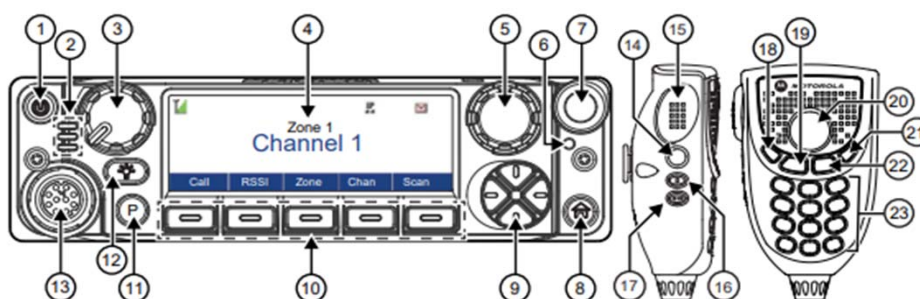


Radio & WyoLink System Operations

Mobile Head Unit



E5 Control Head and Microphone



NOTE: The microphone is not part of the radio. It is an optional accessory.

This is an AGENCY/LOCAL entity specific slide



Radio & WyoLink System Operations

Mobile & Portable Radios



Portable Radio

- A two-way **handheld** radio that provides field personnel with the ability to communicate with a dispatch centers and other mobile and portable radios. Its output power is $\approx 3W - 5W$, depending on the radio



≈ 5 miles (depending on location and other factors that may affect the signal)



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Radio & WyoLink System Operations

Quick Reference Card - Motorola APX 8000

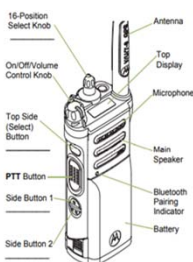
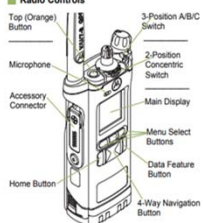


ASTRO® APX™ 8000 Series Digital Portable Radios Quick Reference Card

RF Energy Exposure and Product Safety Guide for Portable Two-Way Radios

ATTENTION:
This radio is restricted to Occupational use only. Before using the radio, read the RF Energy Exposure and Product Safety Guide for Portable Two-Way Radios which contains important operating instructions for safe usage and RF energy awareness and control for Compliance with applicable standards and Regulations.

Radio Controls



- Radio On/Off**
- On - On/Off/Volume knob clockwise.
 - Off - On/Off/Volume knob counterclockwise.
- Zones and Channels**
- Zone - Toggle the Zone switch or use the radio menu to the desired zone.
 - Channel - Turn the Channel knob or use the radio menu to the desired channel.

Receiving and Transmitting

1. Select zone/channel.
2. Listen for a transmission.
OR
Press and hold Volume Set button.
OR
Press Monitor button and listen for activity.
3. Adjust volume, if necessary.
4. Press the PTT button to transmit; release to receive.

Sending an Emergency Alarm

1. Press and hold the Emergency button*.
2. The display shows Emergency and the current zone/channel. You hear a short, medium-pitched tone, and the LED blinks red momentarily.
3. When acknowledgment is received, you hear four beeps, alarm ends, and radio exits emergency.

*Default timer of Emergency button press to activate Emergency is 50 milliseconds. This timer is programmable, see Emergency Operation in the user guide for details.

To exit emergency at any time, press and hold the Emergency button.



PMLN7286A

Sending an Emergency Call

1. Press the Emergency button.
2. Press and hold the PTT button. Speak clearly into the microphone.
3. Release the PTT button to end call.
4. Press and hold Emergency button to exit emergency.

To exit emergency at any time, press and hold the Emergency button.

Sending a Silent Emergency Call

1. Press the Emergency button.
2. The display does not change, the LED does not light up, and there is no tone.
3. Silent emergency continues until you: Press and hold the Emergency button to exit emergency state.
OR
Press and release the PTT button to exit the Silent Emergency Alarm mode and enter regular dispatch or Emergency Call mode.

To exit emergency at any time, press and hold the Emergency button.

Display Status Icons

- Receiving a call or data
- Transmitting a call or data

Menu Navigation

- Left or Right Arrow to Menu Entry.
- Up, Down, Left, or Right Arrow directly below Menu Entry to select.
- Power button to exit.

Menu Navigation

- Left or Right Arrow to Menu Entry.
- Up, Down, Left, or Right Arrow directly below Menu Entry to select.
- Power button to exit.

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This is an AGENCY/LOCAL entity specific slide



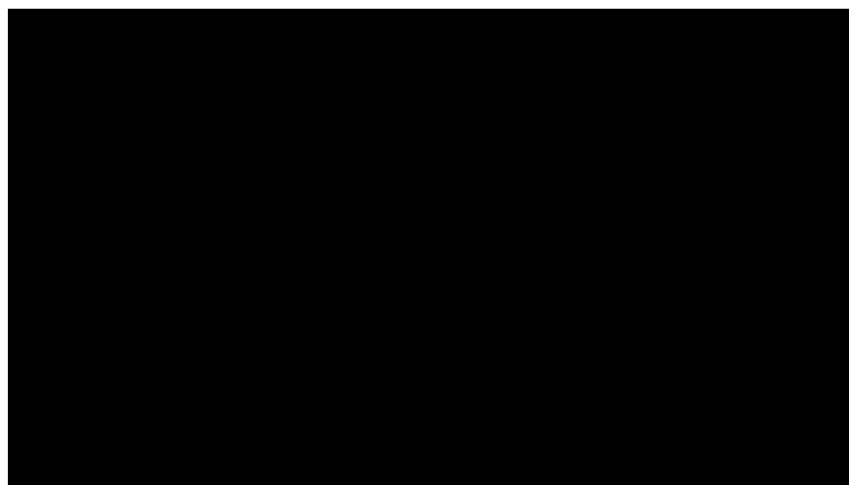
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Radio & WyoLink System Operations

APX 8000 & 8500 Instructional Video - *EXAMPLE*



Please click
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doesn't load
quickly



District/Agency/Local Specific



This slide is intentionally left for the District/Agency/local entity using this powerpoint. This is specific to your agency and you may use these slides as needed.



WyoLink Works



"While completing a pursuit review I noted a huge WyoLink success story. Even though there were a few spots without radio coverage during the pursuit, the end result was WyoLink worked for multiple agencies to communicate. This pursuit began just before midnight on 3/20/2019 and went out Inya Cara Creek road in the Crook County. Dispatch was able to patch MAT 1 and CLQ since there were Deputies responding to assist. The truck the WHP was chasing ran out of gas on Inya Cara Creek Road just a few miles short of Highway 14. There was only one WHP unit on scene when the truck ran out of gas. There was another WHP unit 5 or so miles behind the pursuit and a Deputy coming from Hwy 14. Because Dispatch patch MAT 1 and CLQ, all parties (County and State), knew where the stop finally took place. As the Deputy came down Inya Cara Creek Road both agencies were able to converse on the radio about vehicle placement, etc without either having to worry about what channel the other was on. This communication outlined every movement they made in order to complete the apprehension of the fleeing felon."

Capt Jason Green
Crook County Wyoming Highway Patrol



Contact Information



Email: WyoLink@wyo.gov

Feedback: [WyoLink Feedback](#)

Office Contacts:

- Neil Gardiner - 307.777.4756
- David Shepard - 307.777.4799
- Callie Strode - 307.777.3981
- Jason Gilmor - 307.777.3811





Mark Gordon
Governor
K. Luke Reiner
Director

WYOMING DEPARTMENT OF TRANSPORTATION

PUBLIC SAFETY COMMUNICATIONS COMMISSION

TERMS & ACRONYMS REFERENCE



Mark Harshman
Chairman
Telephone No.:
(307) 777-4015

AAR/IP	After Action Report/Improvement Plan
AASHTO	American Association of State Highway & Transportation Officials
ANSI/TIA	American National Standards Institute
APCO	Association of Public Safety Communication Officials
APIC	Association Project 25 Interface Committee
APWA	American Public Works Association
ARRL	American Radio Relay League
ASK	Advance System Key
BIDP	Border Interoperability Demonstration Project
CDP	Center for Domestic Preparedness
CIO	Chief Information Officer
COML	Communications Unit Leader
COMU	Communications Unit
CTO	Chief Technical Officer
DHS	Dept of Homeland Security
DUNS	Data Universal Numbering System
E911	Enhanced 911
EHP	Environmental & Historic Preservation
EMI	Emergency Management Institute
FCC	Federal Communications Commission
FCCA	Forestry Conservation Communications Association
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration

FIRSTNET	The National Public Safety Broadband Network
FPIC	Federal Partnership for Interoperable Communications
FRG	First Responders Group
GAA	Grant Award Agreement
GETS	Government Emergency Telecommunications Service
GHSAC	Governors Homeland Security Advisors Council
GPD	Grant Programs Directorate
HSGP	Homeland Security Grant Program
HSIN	Homeland Security Information Network
IAB	Interagency Board
IACP	International Association of Chiefs of Police
IAEM	International Association of Emergency Managers
IAFC	International Association of Fire Chiefs
ICMA	International City/County Management Association
KMF	Key Management Facility
LETPA	Law Enforcement Terrorism Prevention Activities
LMR	Land Mobile Radio
LTE	Long Term Evolution
MCC	Major Cities Chiefs Association (Police)
MCSA	Major County Sheriffs' Association
NACO	National Association of Counties
NASF	National Association of State Foresters
NASCIO	National Association of State Chief Information Officers
NAEMSO	National Association of State EMS Officials
NASNA	National Association of State 911 Administrators
NASPO	National Association of State Procurement Officers (<i>replaced WISCA</i>)



Mark Gordon
Governor
K. Luke Reiner
Director

WYOMING DEPARTMENT OF TRANSPORTATION

PUBLIC SAFETY COMMUNICATIONS COMMISSION

TERMS & ACRONYMS REFERENCE



Mark Harshman
Chairman
Telephone No.:
(307) 777-4015

NASTD	National Association of State Technology Directors
NATOA	National Association of Telecommunications Officers & Advisors
NCAI	National Congress of American Indians
NCHRP	National Cooperative Highway Research Program
NCJA	National Criminal Justice Association
NCSL	National Conference of State Legislatures
NCSWIC	National Council of Statewide Interoperability Coordinators
NDPC	National Domestic Preparedness Consortium
NECP	National Emergency Communications Plan
NEMA	National Emergency Management Association
NEMSMA	National EMS Management Association
NENA	National Emergency Number Association
NEPA	National Environmental Policy Act
NG911	Next Generation 911
NGA	National Governors Association
NIMS	National Incident Management System
NLC	National League of Cities
NOFO	Notice of Funding Opportunity
NPSTC	National Public Safety Telecommunication Council
NSA	National Sheriffs' Association
NTED	National Training & Education Division's
OCTO	Office of the Chief Tech Officer
OEC	Office of Emergency Communications (<i>Dept. of Homeland Security's</i>)

OPM	Office of Personnel Management
OTAR	Over The Air Rekeying
P25	Project 25 Radio network
P25 SOR	Project 25 Statement of Requirements
PEIS	Programmatic Environmental Impact Statement
POC	Point of Contact
PSAP	Public Safety Answering Point
PSCC	Public Safety Communications Commission
RDPC	Rural Domestic Preparedness Consortium
RECCWG	Regional Emergency Communications Coordination Work Group
RIC	Regional Interoperability Committees (subcomponent of NCSWIC)
S&T	Science & Technology
SAA	State Administrative Agency
SAC	Senior Advisory Committee
SAFECOM	Safety Communiqué (works in conjunction with NCSWIC)
SAT PHONES	Satellite Phones
SCIP	Statewide Communication Interoperability Plan
SEARCH	National Consortium of Justice Information Statistics
SHSP	State Homeland Security Program
SIGB	Statewide Interoperability Governing Body
SLIGP	State & Local Implementation Grant Program
SOR	Statement of Requirements
SPOC	State Point of Contact
SPR	State Preparedness Report
STA	Science & Technology Agency
STO	State Training Officer



Mark Gordon
Governor
K. Luke Reiner
Director

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SWIC	Statewide Interoperability Coordinator
TA	Technical Assistance
TIA	Telecommunications Industry Association
THIRA	Threat & Hazard Identification & Risk Assessment
TSBS	Telecommunications Systems Bulletins
TSP	Telecommunications Service Priority
UCM	U.S. Conference of Mayors
UNS	User needs Subcommittee
WOHS	Wyoming Office of Homeland Security
WPS	Wireless Priority Service

WYOMING STATE STATUTE, TITLE 09, ARTICLE 11
PUBLIC SAFETY COMMUNICATIONS COMMISSION

9-2-1101 – COMMISSION; CREATED; DEFINITIONS:

- (a) The Public Safety Communications Commission is created.
- (b) As used in W.S. 9-2-1101 through 9-2-1104:
 - (i) "Public Safety Agency" means any federal, state or political subdivision entity that provides emergency and public safety services, including state agencies employing peace officers enumerated in W.S. 6-1-104(a)(vi)(C) through (F) and approved for participation by the communications Commission, fire management services, correctional services, emergency management, emergency and disaster relief services and if desired, county, municipal and federal law enforcement agencies;
 - (ii) "System" means the wireless communications network providing regional and statewide radio communications capabilities to public safety agencies.

9-2-1102 – COMMISSION; COMPOSITION; APPOINTMENT OF MEMBERS; REMOVAL; TERMS; OFFICERS; VACANCIES; MEETINGS:

- (a) The Commission shall consist of eleven (11) voting members to be appointed by the governor and who may be removed by the governor as provided in W.S. 9-1-202. The Director of the Wyoming Department of Transportation, or his Designee, shall serve as an Ex Officio nonvoting member of the Commission. The eleven (11) voting members shall be appointed from each of the following associations and agencies from their membership:
 - (i) Wyoming Police Chiefs Association;
 - (ii) Wyoming Sheriffs Association;
 - (iii) Division of Criminal Investigation, Office of the Attorney General;
 - (iv) Wyoming Game and Fish Department;
 - (v) Wyoming Department of Transportation;
 - (vi) Repealed by Laws 2017, ch. 17, § 2.
 - (vii) Repealed by Laws 2017, ch. 17, § 2.
 - (viii) Wyoming Fire Chiefs' Association;
 - (ix) Repealed by Laws 2017, ch. 17, § 2.
 - (x) Repealed by Laws 2017, ch. 17, § 2.

- (xi) The Public at Large;
- (xii) An Ambulance and Emergency Medical Services Organization;
- (xiii) The Wyoming Association of Municipalities or another municipal government association;
- (xiv) The Wyoming County Commissioners Association or another county government association;
- (xv) Repealed by Laws 2017, ch. 17, § 2.
- (xvi) Tribal Government or a Tribal Government Association.
- (xvii) Repealed by Laws 2017, ch. 17, § 2.

(b) Repealed by Laws 1991, ch. 121, § 2.

(c) The Commission shall elect from its members a Chairman, a Vice-Chairman and a Secretary. Vacancies in these offices shall be filled by the Commission from its membership. The Commission shall meet at least once every three (3) months. Appointments by the governor shall be made within thirty (30) days of expiration of membership terms. Nominee lists shall be furnished within ten (10) days upon expiration of any membership term. Each member shall serve a three (3) year term. A vacancy on the Commission shall be filled for the unexpired term by the governor.

(d) The person appointed to the Commission pursuant to paragraph (a)(v) of this section shall be the Chief Technology Officer of the Wyoming Department of Transportation, or another employee of the Wyoming Department of Transportation who oversees information technology, or telecommunications systems.

9-2-1103 – COMMISSION; COMPENSATION OF MEMBERS:

Members of the Commission shall receive mileage and per diem provided state employees.

9-2-1104 – COMMISSION; POWERS AND DUTIES; ADVISORY CAPACITY TO PROMOTE SYSTEM DEVELOPMENT; PUBLIC MEETINGS; CLERICAL AND ADMINISTRATIVE SUPPORT:

(a) The Commission shall:

- (i) Work with the budget division of the Department of administration and information, the Department of enterprise technology services, the Department of homeland security and the Department of transportation in an advisory capacity to promote the development, improvement and efficiency of public safety communications systems in the state;

- (ii) Report in writing each year to the governor and the joint transportation, highways and military affairs interim committee concerning any problems related to the installation, operation and maintenance of the system and shall make any recommendations it deems appropriate as a part of the report;
 - (iii) Submit a plan for statewide system networking to the Department of enterprise technology services for inclusion in the statewide telecommunications plan developed pursuant to W.S. 9-2-2906(g);
 - (iv) In cooperation with participating federal agencies, establish and assess user fees upon any federal law enforcement agency electing to use and participate in the system;
 - (v) Promulgate necessary rules and regulations governing system operation and participation and upon failure to comply with adopted rules and regulations, may suspend system use and participation by any participating and noncomplying Public Safety Agency or private entity;
 - (vi) Determine the participation of public safety agencies and private entities in the wireless communications network;
 - (vii) On or before May 31 of each odd numbered year, submit to the governor and the joint transportation, highways and military affairs interim committee a report covering the period beginning July 1 of the following year and ending June 30 in the fourth succeeding year detailing the expected costs of implementing the statewide system networking plan. The report shall include projections of one-time and recurring costs.
- (b) The Commission may hold public meetings throughout the state and may take other appropriate measures to maintain close liaison with regional, county and municipal organizations and agencies involved in the system.
- (c) Necessary clerical and administrative support for the Commission shall be furnished by the Wyoming Department of Transportation.

9-2-1105. Repealed By Laws 2004, Chapter 41, § 2.

9-2-1106. Repealed By Laws 2004, Chapter 41, § 2.

**Wyoming Department of Transportation
Public Safety Communications Commission
Business Meeting Packet**



Thank You For Attending!